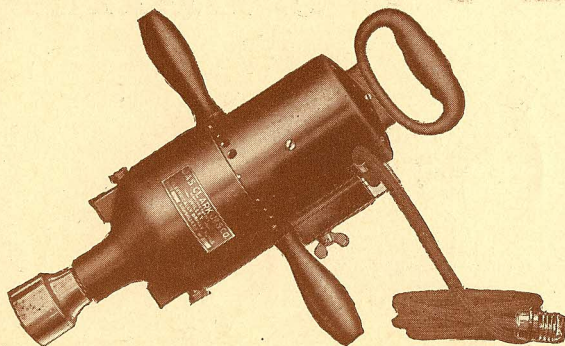


"WILLEY" No. 3 U **Alternating Current** **PORTABLE DRILL**



No. 3 U is similar to No. 2 U shown on previous page, except that it has two speeds, enabling a larger capacity; for drilling holes larger than $\frac{3}{8}$ th inch, the drill bit must be run at a slower speed. This speed change is easily and quickly made. For general use this drill is desirable as it will handle a broad scope of work. Furnished complete as shown. For screw feed attachment, a slight additional cost is charged. Handles are removable.

Brief Dimensions No. 3 U

Will drill in hard wood up to 1 inch
Will drill in cast iron up to $\frac{1}{2}$ inch
Will drill in steel up to 3-8 inch
Machine with chuck weighs 24 pounds
Approx. speed, slow 400 R. P. M., fast, 700 R. P. M.
Wound for 110 or 220 volts; alternating current;
single phase.

"WILLEY" TOOLS - ALL WAYS CORRECT
MECHANICALLY - ELECTRICALLY

"WILLEY" **ELECTRICALLY** **DRIVEN** **TOOLS**

Showing and Briefly Describing **Single Phase** **Alternating Current** **PORTABLE DRILLS**

No problem in machine tool construction has been more complex than the building of a successful portable drill for alternating current. Tool makers have experimented for years; many drills have been put out, but none have proved satisfactory.

That the makers of the "Willey" Tools have at last solved this vexing problem, may be proved to your satisfaction by a test of any of the drills shown herewith. Read about them and send for one for trial.

Manufactured Exclusively by

Jas. Clark Jr. Electric Co. Inc.

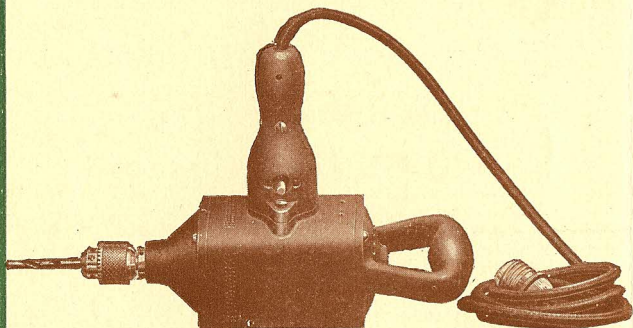
Chicago Louisville, Ky. Philadelphia
117 N. Canal St. 331 Parkway Bldg.

"WILLEY" TOOLS - ALL WAYS CORRECT
MECHANICALLY - ELECTRICALLY

"WILLEY" TOOLS

ELECTRICALLY
DRIVEN

No. 1 U A. C. DRILL



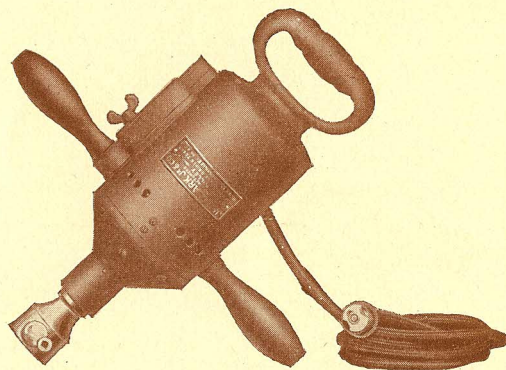
At last a Single Phase Alternating Current Portable Drill which embodies all the features necessary to make it successful and satisfactory; it is compact, light, powerful and durable; and added to these fundamentals, it is absolutely efficient.

It has taken years of testing and experimenting to get them right; but the effort and expense have been worth while. We ask your careful investigation of these drills.

Brief Dimensions of No. 1 U

Will drill in hard wood up to $\frac{1}{2}$ inch
Will drill in cast iron up to $\frac{1}{4}$ inch
Will drill in steel up to 3-16 inch
Machine including chuck weighs 6 pounds
Speed approximately, 1200 R. P. M. Wound for
110 volts alternating current; single phase.

No. 2 U A. C. DRILL



One has to see these drills at work to appreciate fully how successfully they operate. While designed and adapted for alternating current, they can be used on direct current; all are air cooled. No. 2U Drill embodies the same construction found in No. 1U, but with larger capacity. Furnished complete except screw feed attachment which is supplied at slight additional cost. Handles are removable.

Brief Dimensions of No. 2 U

Will drill in hard wood up to $\frac{3}{4}$ inch
Will drill in cast iron up to 3-8 inch
Will drill in steel up to 5-16 inch
Machine with chuck weighs 15 pounds
Approx. speed, 750 R. P. M. Wound for either 110
or 220 volts alternating current; single phase.

"WILLEY" TOOLS - ALL WAYS CORRECT
MECHANICALLY - ELECTRICALLY